



Rice Fields

by Arya Akhavan (October 2013)

Angles for R.I. = 1.540

85 + 16 girdles = 101 facets

4-fold, mirror-image symmetry

96 index

L/W = 1.000 T/W = 0.074 U/W = 0.074

P/W = 0.508 C/W = 0.208

Vol./W³ = 0.289

PAVILION

P1	41.88°	10-14-34-38-58-62-82-86	Cut to centerpoint.
P2	41.63°	05-19-29-43-53-67-77-91	Meet at culet.
G1	90.00°	05-19-29-43-53-67-77-91	Set stone size.
G2	90.00°	02-22-26-46-50-70-74-94	Meet P1, P2, G1
P3	59.51°	05-19-29-43-53-67-77-91	Level girdle.
P4	59.62°	02-22-26-46-50-70-74-94	Level girdle.
P5	41.09°	07-17-31-41-55-65-79-89	Meet P1, P2, P3, P4

CROWN

C1	67.69°	05-19-29-43-53-67-77-91	Set girdle width.
C2	50.05°	02-22-26-46-50-70-74-94	Level girdle.
C3	48.28°	96-24-48-72	Meet G2, C2
C4	47.94°	12-36-60-84	Meet G1, C1 (frosted)
C5	38.62°	03-21-27-45-51-69-75-93	Meet C1, C2, C4 (frosted)
C6	38.08°	96-24-48-72	Meet C2, C3, C5 (frosted)
C7	12.43°	12-36-60-84	Meet C4, C5
C8	8.86°	96-24-48-72	Meet C5, C6, C7 (frosted)
T	0.00°	Table	Meet C7, C8 (frosted)

This design was a combination of the idea of rice paddies, and the Japanese character for rice fields. The crown outline looks like a perfect combination of both, and the reflection pattern has a nice amount of contrast.

Works in materials from feldspar to rutile (RI = 1.52 - 2.62) with no changes, but I prefer green tourmaline.

Suggested size = 8-15 mm

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